

Fig. 1

- 24: Magnetic-field modulation driver
- 23: Data modulator/demodulator
- 30: Servo circuit
- 20: Memory
- 21: Error correction coder/decoder
- 22: Driver control microcomputer
- 17: Memory
- 18: Memory controller
- 19: System control microcomputer
- 26: Operation section
- 15: File generator
- 16: File decoder
- 11: Video coder ← Video input
- 12: Audio coder ← Audio input
- 13: Video decoder → Video output
- 14: Audio decoder → Audio output

Fig. 3

- 0: Property entry flag
- 2: Data size
- 4: Entry number
- 6: Next extends entry
- 8: Thumbnail image entry index

12: Text entry index
14: Parent entry number
16: Play order
18: Basic property data
56: Extension data

Fig. 4

23:13: Reserved
10:5: Reserved
3:0: Property entry type

Fig. 5

Property entry type

0: File property entry
1: Shadow file property entry
2: Original folder property entry
3: Favorite folder property entry
4: File extends entry
5: Shadow file property extends entry
6: Original folder property extends entry
7: Favorite folder property extends entry
8:15: Reserved

Fig. 6

0: Format brand
4: Media profile
8: Contents status flags
12: Generation time
16: Modification time
20: Duration
14: Binary file identifier
32: File size
36: Referred counter

Fig. 7

0: Size
2: Type

Fig. 8

8: File size
12: Referenced file count

Fig. 9

ABCD0001.MOV Property file
(Resource file) File property entry
ABCD0001.MPG File extends entry
(Moving picture file) (Property entry header)
ABCD0001.MP3 (Property File Extension

(Audio file)

Data Unit Payload)

Fig. 10

0: Size
2: Type
4: Owner ID
6: Application ID

Fig. 11

0: Size
2: Type
4: Entry number

Fig. 13

0: Size
2: Type
4: Private index file count
6: Private index file information [N]

Fig. 14

0: Owner information
4: Private index file name

Fig. 15

Index file

List of private index files Private index file - A
Property entry - 1 → Private index data - A1
Property entry - 2 → Private index data - A2
Property entry - N → Private index data - AN
Private index file - B
Private index data - B1
Private index data - B2
Private index data - BN

Fig. 16

0: Size
2: Type

Fig. 17

SP1: Start
SP2: Load index file
SP3: To beginning
SP4: File?
SP7: Is file size OK?
SP9: Is bit rate OK?
SP10: Set reproducible state
SP8: Set irreproducible state
SP5: Completed?

SP6: To next

SP11: End

Fig. 18

SP21: Start

SP22: Load index file

SP23: To beginning

SP24: Does video file exist?

SP28: Is owner ID OK?

SP25: Does thumbnail text exist?

SP27: Display

SP29: Is application ID OK?

SP30: Reproduce video file

SP26: End

DESCRIPTION OF REFERENCE NUMERALS

- 1: --- Optical disk drive
- 2: --- Optical disk
- 11: --- Video coder
- 12: --- Audio coder
- 13: --- Video encoder
- 14: --- Audio encoder
- 15: --- File generator
- 16: --- File decoder
- 17, 20: --- Memory
- 18: --- Memory controller
- 19: --- System control microcomputer
- 21: --- Error correction coder/decoder
- 22: --- Driver control microcomputer
- 23: --- Data modulator/demodulator
- 24: --- Magnetic-field modulation driver
- 26: --- Operation section
- 30: --- Servo circuit
- 31: --- Spindle motor
- 32: --- Magnetic-field head
- 33: --- Optical pickup